IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

<u>Listing of Claims</u>

1-4. (canceled)

5. (currently amended)   An information processing apparatus, comprising:

<u>a</u> movement <u>trail</u> ~~direction~~ recognizing ~~means for~~<u>unit configured to</u>, based on an image obtained by photographing a recognition subject by <u>an</u> image pickup ~~means~~<u>unit</u>, ~~recognizing~~ <u>recognize</u> the movement ~~direction~~<u>trail</u> of said recognition subject; ~~and~~

<u>a</u> control <u>unit</u> ~~means for~~ <u>configured to</u> ~~, before recognizing the movement direction of said recognition subject by said movement direction recognizing means, generating~~ <u>generate</u> a predetermined recognizable movement direction image picture in advance for making a user visualize said <u>recognizable</u> movement direction ~~which can be recognized by said movement direction recognizing means~~ and displaying it on<u>a</u> predetermined display ~~means~~<u>unit;</u> <u>and</u>

<u>a transformation unit, configured to transform said movement trail recognized by said movement trail recognizing unit to correspond with said recognizable movement direction.</u>

6. (currently amended)   The information processing apparatus according to claim 5, wherein said control ~~means~~<u>unit</u> notifies said user, by displaying as said recognizable movement direction image picture a plurality of marks of a predetermined shape sequentially

arranged in a predetermined direction on said display ~~means~~unit, that said movement trail unit ~~direction recognizing means~~ can recognize the movement direction of said recognition subject in said predetermined direction.

7. (currently amended) The information processing apparatus according to claim 6, wherein said control ~~means~~unit colors said marks of a predetermined shape in a different color from that of a background image on said display ~~means~~unit.

8. (currently amended) A method of showing a recognizable movement comprising:

a movement trail ~~direction~~recognizing ~~processing~~ step of, based on an image obtained by photographing a recognition subject by an image pickup unit ~~means~~, recognizing the movement trail ~~direction~~ of said recognition subject;

an image generation processing step of, ~~before recognizing said movement direction of said recognition subject by said movement direction recognizing processing step,~~ generating a predetermined recognizable movement ~~direction~~trail image picture in advance for making a user visualize said recognizable movement direction which can be recognized by said movement direction recognizing processing step; ~~and~~

a display processing step of displaying said recognizable movement direction image picture generated by said image generation processing step in predetermined display means;

transforming said movement trail recognized by said movement trail recognizing step to correspond with said recognizable movement direction.

9. (currently amended)   A program storage medium causing an information processing apparatus to execute a program, wherein said program comprises:

a movement <u>trail</u> ~~direction~~ recognizing processing step of, based on an image obtained by photographing a recognition subject by <u>an</u> image pickup ~~means~~<u>unit</u>, recognizing the movement ~~direction~~<u>trail</u> of said recognition subject;

an image generation processing step of, ~~before recognizing said movement direction of said recognition subject by said movement direction recognizing processing step~~, generating a predetermined recognizable movement direction image picture in advance for making a user visualize said movement <u>recognizable</u> direction which can be recognized by said movement direction recognizing processing step; and

a display processing step of displaying said recognizable movement direction image picture generated by said image generation processing step on <u>a</u> predetermined display ~~means~~<u>unit; and</u>

<u>transforming said movement trail recognized by said movement trail recognizing step to correspond with said recognizable movement direction.</u>

10-13. (canceled)

14. (new)   The information processing apparatus according to claim 5, wherein the control unit is configured to, while not recognizing the movement trail of said recognition subject, generating a predetermined standby state image indicating that said movement trail

recognizing unit is searching for said recognition subject in said image and displaying the

standby state image on the predetermined display unit.

15 (new)　The information processing apparatus according to claim 14, wherein

said control unit alternately displays, as said standby state image, a plurality of marks of a

predetermined shape sequentially arranged in a predetermined direction, in said direction and in

a reverse direction thereof in order.

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